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The Daily Morning Astorian.

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Of Best Quality, and at

LOWEST PRICES,

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SIGN OF THE GOLDEN SHOE.

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Pure Drugs, Toilet Articles, Etc.

Prescription Clerk speaks Four different Languages.

General practice of Medicine attended to by the Doctor.

Second Street, near Postoffice.

The Teacher

Who advised her pupils to strengthen their minds by the use of Ayer's Sarsaparilla, appreciated the truth that bodily health is essential to mental vigor. For persons of delicate and feeble constitution, whether young or old, this medicine is remarkably beneficial. Be sure you get **Ayer's Sarsaparilla.**

"Every spring and fall I take a number of bottles of Ayer's Sarsaparilla, and am greatly benefited."—Mrs. James H. Eastman, Stoneham, Mass.

"I have taken Ayer's Sarsaparilla with great benefit to my general health."—Miss Thirza L. Crerar, Palmyra, Md.

"My daughter, twelve years of age, has suffered for the past year from

General Debility.

A few weeks since, we began to give her Ayer's Sarsaparilla. Her health has greatly improved."—Mrs. Harriet H. Battles, South Chelmsford, Mass.

"About a year ago I began using Ayer's Sarsaparilla as a remedy for debility and neuralgia resulting from malarial exposure in the army. I was in a very bad condition, but six bottles of the Sarsaparilla, with occasional doses of Ayer's Pills, have greatly improved my health. I am now able to work, and feel that I cannot say too much for your excellent remedies."—F. A. Pinkham, South Moluncus, Me.

"My daughter, sixteen years old, is using Ayer's Sarsaparilla with good effect."—Rev. S. J. Graham, United Brethren Church, Buckhannon, W. Va.

"I suffered from

Nervous Prostration,

with lame back and headache, and have been much benefited by the use of Ayer's Sarsaparilla. I am now 80 years of age, and am satisfied that my present health and prolonged life are due to the use of Ayer's Sarsaparilla."—Lucy Moffitt, Killingly, Conn.

Mrs. Ann H. Farnsworth, a lady 79 years old, So. Woodstock, Vt., writes: "After several weeks' suffering from nervous prostration, I procured a bottle of Ayer's Sarsaparilla, and before I had taken half of it my usual health returned."

Ayer's Sarsaparilla,

PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass.

Price $1; six bottles, $5. Worth $5 a bottle.

—THE—

DIAMOND PALACE

GUSTAV HANSEN, Prop'r.

A Large and Well Selected Stock of Fine

Diamonds & Jewelry

At Extremely Low Prices.

All Goods Bought at This Establishment Warranted Genuine

Watch and Clock Repairing A SPECIALTY

Corner Cass and Squemoqua Streets.

Thompson & Ross

Carry a Full Line of

Choice Staple and Fancy Groceries.

Give Us a Call and Be Convinced.

A NEW ENTERPRISE.

City Express Transfer Company.

H. D. Thing and C. E. Miller, PROPRIETORS.

Headquarters at Main Street wharf. TELEPHONE NO. 43.

A General Express and Delivery Business transacted.

Your patronage is solicited.

The Oregon Bakery

A. A. CLEVELAND, Prop'r.

Good Bread, Cake and Pastry

None but the Best Materials Used.

Satisfaction Guaranteed Customers

Bread delivered to any part of the city.

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HATTERS and CLOTHIERS.

MEN'S AND BOYS'

Clothing and Furnishing Goods.

HATS TRUNKS AND VALISES.

Corner First and Morrison Streets, Portland, OREGON.

Country Orders Solicited, and Promptly Executed.

SEALAND.

The terminus of the Ilwaco and Shoalwater Bay Railroad. THE GREATEST SUMMER RESORT ON THE NORTHWEST COAST. Lies at the head of the Bay, at deep water, and only twelve miles from the bar. The coming County Seat and Commercial Metropolis of Pacific county. Now laid out. Lots on the market from $50, and upwards.

For particulars and full information, call on or address

B. A. SEABORG,

Ilwaco, Wash.

A MILL MAN'S OBSERVATIONS.

How Things Appear to Eastern Men.

The following article from a Puget sound mill man is printed as showing the contarst between milling in Oregon and Washington and in the eastern states. The effects of the teredo on the sound is also in marked contrast to their entire absence on the Columbia river.

Aware of the deep interest felt by the lumbermen of the eastern and northwestern states in the lumber industry of the northwest, I take advantage of the opportunity afforded to do that little which lies in my power to enlighten them on the subject.

There are three main considerations, to which as a rule, the eastern mill men who come here to build mills, do not attach sufficient importance. These considerations are:

1. The great degree of hardness and toughness of our lumber when compared with eastern pine.

2. The immense weight of the longer and larger of our fir logs and the consequent strength of the machinery necessary to be sawed to supply the demands of the market.

The first two of these are comparatively easy to overcome, and after a good deal of rebuilding and rebelting the machinery is brought up to the requisite degree of strength. The Puget sound mill builder has found out from very costly experience that it is almost impossible to get things too strong.

The last consideration, that of the long lengths of the logs to be sawed, is the most difficult to master, and, indeed, it is the one that bothers even those men who have been connected with the building of several mills in this section. The question stares them in the face when they start to build a mill is, how they can build one that will saw lumber rapidly and economically out of logs 75 per cent of which are under 36 feet long, and at the same time have the mill arranged so that good and economical work can be done with logs, a good percentage of which will run from 69 feet to say 120 feet, and in some of our mills to 150 feet long. Every practical mill man will see at a glance the force of this. It is not a difficult matter to build a mill to saw entirely on logs that run from 12 to 24 feet in length, but when the mill must be arranged so as not only to saw these shorter lengths but also the extreme lengths that the market calls for, it is different. This question cannot be answered by saying, Build the mill eight or nine times as long. That would make the work of sawing the shorter lengths, which are greatly in the majority, very expensive. As I said before, the majority of eastern men, not fully understanding this combination of our mills do not attach sufficient importance to it.

Aside from these main points, and the nature of the market to be supplied, there is no difference between manufacturing our lumber and that of the east.

The saws in use here are almost entirely fitted up with the Spalding inserted tooth. This seems to be the favorite tooth in the larger mills, owing to its strength and great durability under trying circumstances. Most of our logs come to the mills filled in the creases of the rough bark, and sometimes in splits in the ends, with stones, sand and gravel. Our logs are almost entirely brought to the mill by being towed through the salt water of the Sound. They are put into the water by being rolled off high banks, or run down deep chutes, on leaving which they strike the beach with great force; in this manner they become filled with sand and gravel. After the logs have been in the water for quite a length of time, it is almost impossible to pick out this gravel, although a man is kept in nearly every mill for that purpose. If this man is not successful in finding all the stones you can rely on it that the saw will find what he does not. Owing to the fact of there being so much dirt and gravel on our logs, it is almost impossible to run natural tooth saws, or any of the lighter makes of inserted teeth, to a very great advantage.

Nearly all the saws in use here for double circulars are from 4 to 6 gauge, while in a few instances they run a little thinner. The swage run on the 4 and 6 gauge saws is 7-16 of an inch, with a very slight set in the teeth which makes a half inch kerf. In some of our mills, however, the swage has been reduced to 11-32 of an inch, and there is not sufficient reason why every mill on Puget sound cannot be run on a materially less swage than 7-16 of an inch. As an economic measure a material reduction in the time honored saw kerf of ½ inch would be a great saving of material, and at the same time be an immense saving for the men that own the mills. When a log is once in the mill it is just as easy to make lumber out of it as it is to make sawdust. If it was impossible to run the saws on a less swage than ½ inch that would be a good excuse; but experience has shown that they can and have been run on 11-35 swage. It is strange our mill men do not take more active measures in a matter that affects them so vitally. This reduction will take place before long, and then the only wonder will be that it was not done years ago, thereby saving millions of feet of lumber.

The teredo, or, as it is commonly called by the mill men, the salt water worm, is a source of considerable annoyance, and at times great pecuniary loss. This worm enters largely into the question of a supply of logs for the winter's use. On account of the great amount of rain that falls here during the late fall, the winter and early spring months, a majority of the logging camps suspend operations during that period, and the few that continue to do so with small crews. Hence it becomes a problem for the mill managers to secure a supply of logs sufficient to last during the period that the camps shut down and at the same time to not get such a quantity as will last too far into the following spring and summer and become food for the worms. The period at which these worms take hold of the logs cannot be stated with any great degree of certainty. It varies according to the place and condition in which the logs are kept. To preserve the logs it is necessary to keep them as near high water mark as possible, and for that purpose spots are picked where fresh water streams make into bays. Under such conditions they will continue seven and eight months without being eaten by the worms to any extent. However, if they are kept in deep water, being afloat all the time, they become eaten very rapidly—sometimes in three and four months. The lumber that becomes eaten by these worms is not marketable and is a dead loss. When it is discovered that the worms have begun on a boom it has to be sawed immediately to prevent further loss, which fact of itself occasions considerable loss if the orders are not of such a nature as will work up the logs properly.

It must be borne in mind that our lumber business is carried strictly by orders; that is, we do not have the great leeway that the eastern mills have in respect to what is known as stock lumber. Here everything must be worked into an order that is on hand for the time being. What puts a worse aspect on this matter is the great changeableness of the orders. Besides those that come from the lumber yards to keep their stock in proportion, which are in a great measure similar to one another, there is the great bulk of those no two of which are alike. If in cutting these, the amount cut exceeds the amount ordered, it is left on the wharf, and in all probability will never be shipped.

The only way I can account for the great variety of the orders in a new country like this, where everything is unsettled, and booming, architects and carpenters are attracted from every quarter of the globe. Each has his own peculiar idea of building a house, and his own very peculiar idea of lumber that it will take to do it. Apparently each tries to out do the other in getting up a unique and curious bill for lumber. They take it to the lumber dealers, in San Francisco, say who are the owners and act as agents for the mills; and ask them if they can get that bill of lumber for them. The dealer says, "Of course we can; we will have it down here inside of a month for you." Then they will send it up to the mill. When it reaches there the mill men smile at the order, but remark, "Well he owns the mill and pays the bills; if he wants me to get it, I'll do it." But after getting to work on it, that smile we saw on his face vanished, and in its place is a frown, and from his lips we can hear a slight swear word. And by the time the order has been filled and shipped those swear words that at first were almost inaudible, and so innocent, have reached a high degree of force and distinctness. When the Pacific coast trade has reached that settled state that trade has reached in the east, it will be comparatively easy to manufacture the lumber. If a man should go into an eastern lumber yard, and ask for 5,000 feet of 1x6, 32 feet long, tongue and groove, vertical grain, to be perfectly clear, it is more than likely that he would have to take something else; but here the dealer tells him, "Oh! yes; we will get it for you right away," and send to the mill for it. In all probability the man only wants it 32 feet long so that it will cut into eight-foot lengths, which a little inquiry would have found out.

These remarks I have made bear principally on the larger mills, or those that cut lumber for the general market. There are some local mills that do not fall within their scope.

At some future time I may be able to show some of the merits and demerits of the band mill, as developed by actual experience in our timber, having been immediately connected with one in this section for over a year.

PUGET SOUND.

Farmers in the western part of Kansas are in need of help.

IS LIFE WORTH LIVING?

Not if you go through the world a dyspeptic. Dr. Acker's Dyspepsia Tablets are a positive cure for the worst forms of Dyspepsia, Indigestion, Flatulency and Costipation. Guaranteed and sold by J. W. Conn.

The year's consumption of steel rails will be about 1,400,000 tons.

WE CAN AND DO

Guarantee Dr. Acker's Blood Elixir, for it has been fully demonstrated to the people of this country that it is superior to all other preparations for blood diseases. It is a positive cure for syphilitic poisoning. Ulcers, Eruptions and Pimples. It purifies the whole system and thoroughly builds up the constitution. Sold by J. W. Conn.

An Enoch Arden.

The saddest case of the Enoch Arden kind is that recorded of a Missouri man, which took place lately. One day in the year 1861 his wife sent him out to get an armful of wood, but he walked to town, where he enlisted and went away to the war. When the war closed he drifted away to California and Mexico. His wife waited five or six years, then, concluding he was dead, she married again. The second husband died in 1879, and in 1882 she led another blushing groom to the altar. About a month ago the original husband came lumbering back. But there was no glad smile for him. The wife looked over her shoulder at him from where she sat by the stove, and asked him if he had got that wood yet. Then the third husband came in and told him to "make tracks, an' make 'em lively." "Frailty," exclaimed the first husband, "thy name is woman!" Then he went out, and the third husband's dog chased him to the forks of the road.

Singers and public speakers find Ayer's Cherry Pectoral invaluable. It never fails to cleanse the throat and strengthen the voice.

At St. Louis the Mississippi is 3,500 feet wide; at New Orleans it is 2,500 feet wide.

Best iodides and vegetable alteratives make Ayer's Sarsaparilla the best blood medicine.

Children Cry for Pitcher's Castoria

When Baby was sick, we gave her Castoria.
When she was a Child, she cried for Castoria.
When she became Miss, she clung to Castoria.
When she had Children, she gave them Castoria

Rheumatism

TRADE MARK

PROMPTLY AND PERMANENTLY Cured by **St. Jacobs Oil** AT DRUGGISTS AND DEALERS.

BALTO-MD. THE CHAS. A. VOGELER CO.

Gained 15 Pounds.

"I have been a great sufferer from Torpid Liver and Dyspepsia. Every thing I ate disagreed with me until I began taking

Tutt's Pills

I can now digest any kind of food, never have a headache, and have gained fifteen pounds in weight."

W. C. SCHULTZE, Columbia, S. C.

SOLD EVERYWHERE.

Office, 39 Murray St., New York.

The only medicine which destroys the germ of Catarrh, Rheumatism, Female Complaints, Consumption (if not too far gone), Dyspepsia, Malarial and all Blood and Skin Diseases. It is a safe and positive cure for **Loss of Manhood** and Gonorrhea. Is pleasant to drink. Give it a trial Price, 75 cents and $1.25.

PACIFIC SLOPE MEDICINE CO., Spokane Falls, Wash.

J. C. Dement, Sole Agent, Astoria

Change of Business.

ISAAC BERGMAN AND R. R. MARION have bought out the business of J. Strauss & Co. The firm name will hereafter be "Bergman & Marion." All bills due up to date will be collected by the new firm.

ISAAC BERGMAN,
R. R. MARION.

T. B. Loughery.

—DEALER IN—

Cigars, Tobacco, Cigarettes, Confectionery, Etc.

NONE BUT THE BEST BRANDS HANDLED.

THIRD STREET,

Opposite Hahn's Boot and Shoe Store.

ROYAL

BAKING POWDER

Absolutely Pure.

This powder never varies. A marvel of purity, strength and wholesomeness. More economical than the ordinary kinds, and can not be sold in competition with the multitude of low test, short weight, alum or phosphate powders. *Sold only in cans.* ROYAL BAKING POWDER CO. 106 Wall-st., N. Y.

LEWIS M. JOHNSON & CO., Agents, Portland, Oregon.

CHIEF OF POLICE SALE.

Notice is hereby given that by virtue of a warrant issued by the auditor and police judge of the city of Astoria, in accordance with an order made by the common council of the city of Astoria, by ordinance number 1138, entitled an ordinance ordering the auditor and police judge to issue warrants for the collection of assessments remaining unpaid on the Washington street sewer assessment approved Nov. 29th, 1889. Said warrant bearing date the 30th day of November, 1889, commanding me to levy upon lot number 2 in block number 40 in the city of Astoria, as laid out and recorded by John McClure, to collect an assessment of $53, which assessment was made for the construction of a sewer in Washington street, between the south side of Astor street, and 100 feet north of the north side of Water street, by ordinance No. 1,100 entitled an ordinance declaring the probable cost of constructing a sewer in Washington street from the south side of Astor street to 100 feet north of the north side of Water street, approved July 25, 1889, I have this day levied upon lot number 2 in block number 40 in McClures Astoria, said lot being assessed to M. Meyer as owner and on Wednesday the 29 day of January 1890, at 2 o'clock P. M. of said day in front of the court house door in said city of Astoria, Clatsop county, Oregon will proceed to sell lot number 2 in block number 40 in McClure's Astoria, to the highest bidder therefor, to pay said assessment, costs and expenses of sale. Said sale to be for U. S. gold coin.

Dated at Astoria, this 28th day of December, 1889.

W. J. BARRY,
Chief of police.

CHIEF OF POLICE SALE.

Notice is hereby given that by virtue of a warrant issued by the auditor and police judge of the city of Astoria, in accordance with an order made by the common council of the city of Astoria, by ordinance number 1138, entitled an ordinance ordering the auditor and police judge to issue warrants for the collection of assessments remaining unpaid on the Washington street sewer assessment, approved November 29th, 1889, said warrant bearing date the 30th day of November, 1889, commanding me to levy upon lot number 5, in block number 39, in the city of Astoria, as laid out and recorded by John McClure, to collect an assessment of $65, which assessment was made for the construction of a sewer in Washington street, between the south side of Astor street and one hundred feet north of the north side of Water street, by ordinance number 1100, entitled an ordinance declaring the probable cost of constructing a sewer in Washington street, from the south side of Astor street to one hundred feet north of the north side of Water street, approved July 25th, 1889, I have this day levied upon lot number 5, in block number 39, in McClure's Astoria, said lot being assessessed to Chas. Rohr, as owner, and on Wednesday, the 29th day of January, 1890, at 2 o'clock P. M., of said day, in front of the court house door in said city of Astoria, Clatsop county, Oregon, will proceed to sell lot number 5, in block number 39, in McClure's Astoria, to the highest bidder therefor, to pay said assessment, costs and expenses of sale. Said sale to be for U. S. gold coin.

Dated at Astoria, this 28th day of December, 1889.

W. J. BARRY,
Chief of Police.

I. W. Case,

BANKER.

ESTABLISHED - - 1870.

Transacts a General Banking Business.

Drafts drawn available in any part of the U. S. and Europe, and on Hong Kong, China

OFFICE HOURS:—10 A. M. to 3 P. M.

ODD FELLOWS BUILDING, Astoria, Oregon.

For Sale!

The West One-Half of Block 71, McClure's Astoria.

Only three blocks south of the Odd Fellows' building. There is a fine dwelling on this choice property that will rent at top figures the year round.

For further particulars inquire of

ASTORIA REAL ESTATE CO.

ALDERBROOK

Joins Astoria on the East and will be the terminus of the two Transcontinental Railways.

Young's Addition to Alderbrook!

Is the only inside addition on the market, and prices of lots will treble in value within three months.

Buy now, while lots are selling for $75; $20 down and $10 per month.

Wingate & Stone,

PARIS TAILOR.

Leading Tailor of Astoria.

Great Reduction in Prices.

—IMPORTER OF—

English, French and Scotch Woolens.

NEW GOODS BY EVERY STEAMER.

First-class work, and no garment will be allowed to go out of the store unless it gives satisfaction.

Fine Business Suits made to order for $35. Genuine Imported Tweed Cheviot and Cashmere Suits from $38 to $45. Broad Wail Overcoats at $30 and upwards. This gives every gentleman in Astoria a chance to get a Fine Fitting Suit. Come around and satisfy yourself.

J. N. KLOSTER.

BARBOUR'S

Irish Flax Threads

HAVE NO EQUAL!

GRAND PRIX PARIS 1878,

—AND—

GRAND CROSS OF THE LEGION D'HONNEUR.

They received the

ONLY GOLD MEDAL

For FLAX THREADS at the

London Fisheries Exhibition 1883.

And have been awarded HIGHER PRIZES at the various

INTERNATIONAL EXPOSITIONS,

Than the goods of any other

THREAD MANUFACTURERS

IN THE WORLD,

Quality Can Always be Depended on.

Experienced Fishermen Use no Other.

HENRY DOYLE & CO.,

517 and 519 Market Street, SAN FRANCISCO.

AGENTS FOR PACIFIC COAST.

WOODBERRY SEINE TWINE, ROPE and NETTING Constantly on Hand. SEINES, POUNDS and TRAPS Furnished to order at Lowest Factory Prices.

ROBB & PARKER

Have Put on the Market the Fine Property of Henry Powell,